

6001 Chemical Abstracts 95(1981)13 July, No.2, Columbus, OH, US

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95: 11663f High-strength calcium silicate products. Nippon Asbestos Co., Ltd. Jpn. Kokai Tokkyo Koho 81 14,466 (Cl. C04B15/06), 12 Feb 1981, Appl. 79/86,894, 11 Jul 1979; 6 pp. Hydrothermally synthesized Ca silicate is mixed with calcareous material, siliceous material, reinforcing fibers other than asbestos, and water, molded, and steam-cured. Thus, a slurry contg. Ca silicate 20, alkali-resistant glass fibers 4, siliceous stone 38, and Ca(OH)₂ 38 parts was molded, autoclaved, and dried to obtain molded products having d. 0.61-0.63 g/cm³ and bending strength 85-90 kg/cm².